

## EAST Search History

| Ref # | Hits  | Search Query   | DBs                | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|--------------------|------------------|---------|------------------|
| S1    | 7     | ((("6491953") or ("6265610") or ("6498273") or ("6610850") or ("6943269") or ("7146636") or ("20020035699")).PN. | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/03/26 14:55 |
| S2    | 5     | ((("6491953") or ("6265610") or ("7116655") or ("20060183499") or ("20060251035")).PN.                           | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/03/20 17:04 |
| S3    | 1     | ("6157834").PN.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/03/20 17:06 |
| S4    | 281   | 455/426.2.ccls.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/03/20 17:07 |
| S5    | 15    | S4 and (SIM or UICC)   | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/03/20 17:13 |
| S6    | 0     | S4 and (UICC)  | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/03/20 17:14 |
| S7    | 11    | S4 and (UE)  | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/03/20 17:20 |
| S8    | 3     | "7050800"  | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/03/20 17:22 |
| S9    | 293   | (USIM or UICC) and 3G  | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/03/20 17:23 |
| S10   | 1     | S9 and S4  | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/03/20 17:24 |
| S11   | 281   | S4   | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/03/20 17:31 |
| S12   | 273   | 455/407.ccls.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/03/20 17:31 |
| S13   | 0     | S12 and UICC   | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/03/20 17:31 |
| S14   | 58    | S12 and SIM  | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/03/20 17:35 |
| S15   | 490   | 455/425.ccls.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/03/20 17:35 |
| S16   | 0     | S15 and UICC   | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/03/20 17:35 |
| S17   | 41    | S15 and sim  | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/03/20 17:43 |
| S18   | 85821 | "455"/\$.ccls.   | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/03/20 17:43 |
| S19   | 403   | S18 and (UICC or USIM)   | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/03/20 17:44 |

## EAST Search History

|     |      |   |                              |    |     |                  |
|-----|------|---|------------------------------|----|-----|------------------|
| S20 | 1    | S4 and S19  | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/20 17:44 |
| S21 | 942  | 455/558.ccls.   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/21 08:58 |
| S22 | 64   | S21 and (UICC or USIM)  | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/20 17:50 |
| S23 | 0    | 455/412.ccls.   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/20 17:50 |
| S24 | 403  | S18 and (UICC or USIM)  | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/20 17:50 |
| S25 | 1072 | (UICC or USIM)  | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/20 17:51 |
| S26 | 180  | S25 same UE   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/20 17:51 |
| S27 | 0    | S26 and S23   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/20 17:51 |
| S29 | 293  | (USIM or UICC) and 3G   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/21 08:58 |
| S30 | 942  | 455/558.ccls.   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/21 09:50 |
| S31 | 18   | S29 and S30   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/21 08:58 |
| S32 | 50   | S30 and 3G  | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/21 09:39 |
| S33 | 2014 | 455/466.ccls.   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/21 09:39 |
| S34 | 325  | 455/464.ccls.   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/21 09:40 |
| S35 | 1037 | 455/432.1.ccls.   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/21 09:40 |
| S36 | 0    | S30 and S33 and S34 and S35   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/21 09:40 |
| S37 | 0    | S33 and S34 and S35   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/21 09:40 |
| S38 | 2    | S34 and S35   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/21 09:41 |
| S39 | 48   | S33 and S30   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/21 09:41 |
| S40 | 14   | ("20020087656"   "20030013483"<br>  "20030040299"   "20030101246"<br>  "20030119552"   "20030190908"<br>  "20030224823"   "20040030601"<br>  "20040068747"   "20040097248"<br>  "20040106416"   "20040117459"<br>  "20040209649"   "6629130").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/03/21 09:47 |

## EAST Search History

|     |       |  |  |    |     |                  |
|-----|-------|--|--|----|-----|------------------|
| S41 | 20    | S30 and UICC                                   | US-PGPUB;<br>USPAT   | OR | OFF | 2007/03/21 09:58 |
| S42 | 0     | mark adj beckmann                              | US-PGPUB;<br>USPAT   | OR | OFF | 2007/03/21 09:59 |
| S43 | 0     | (mark adj beckmann).in.                        | US-PGPUB;<br>USPAT   | OR | OFF | 2007/03/21 09:59 |
| S44 | 97418 | mark.in.                                       | US-PGPUB;<br>USPAT   | OR | OFF | 2007/03/21 09:59 |
| S45 | 661   | beckmann.in.                                   | US-PGPUB;<br>USPAT   | OR | OFF | 2007/03/21 09:59 |
| S46 | 0     | S44 adj S45                                    | US-PGPUB;<br>USPAT   | OR | OFF | 2007/03/21 09:59 |
| S47 | 45    | S44 and S45                                    | US-PGPUB;<br>USPAT   | OR | OFF | 2007/03/21 10:00 |
| S48 | 79    | hyun-nam.in.                                   | US-PGPUB;<br>USPAT   | OR | OFF | 2007/03/21 10:00 |
| S49 | 12608 | choi.in.                                       | US-PGPUB;<br>USPAT   | OR | OFF | 2007/03/21 10:00 |
| S50 | 4     | S48 and S49                                    | US-PGPUB;<br>USPAT   | OR | OFF | 2007/03/21 10:05 |
| S51 | 1285  | sabine.in.                                     | US-PGPUB;<br>USPAT   | OR | OFF | 2007/03/21 10:05 |
| S52 | 79    | niekerk.in.                                    | US-PGPUB;<br>USPAT   | OR | OFF | 2007/03/21 10:49 |
| S53 | 1285  | S51 and S51                                    | US-PGPUB;<br>USPAT   | OR | OFF | 2007/03/21 10:06 |
| S54 | 1     | "20010048744".pn.                              | US-PGPUB;<br>USPAT   | OR | OFF | 2007/03/21 11:14 |
| S55 | 8     | ("2001/0048744").URPN.                         | USPAT  | OR | OFF | 2007/03/21 11:17 |
| S56 | 0     | ((mobile adj terminal) or MT) and<br>USIM/USAT | USPAT  | OR | OFF | 2007/03/21 11:18 |
| S57 | 1     | ((mobile adj terminal) or MT) and<br>USIM/USAT | US-PGPUB;<br>USPAT   | OR | OFF | 2007/03/21 11:19 |
| S58 | 1     | ((mobile adj terminal) or MT) and<br>USIM/USAT | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/21 11:19 |

## EAST Search History

|     |      |   |  |    |     |                  |
|-----|------|---|--|----|-----|------------------|
| S59 | 2862 | ((mobile adj terminal) or MT) and 3G                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/21 11:19 |
| S60 | 8026 | USIM or USAT  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/21 11:20 |
| S61 | 115  | S59 and S60   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/21 11:20 |
| S62 | 112  | S59 and S60   | US-PGPUB;<br>USPAT   | OR | OFF | 2007/03/21 11:32 |
| S63 | 1674 | 713/168.ccls.                                       | US-PGPUB;<br>USPAT   | OR | OFF | 2007/03/21 11:39 |
| S64 | 19   | S63 and USIM  | US-PGPUB;<br>USPAT   | OR | OFF | 2007/03/21 11:32 |
| S65 | 362  | 713/167.ccls.                                       | US-PGPUB;<br>USPAT   | OR | OFF | 2007/03/21 11:39 |
| S66 | 1    | S65 and ISIM  | US-PGPUB;<br>USPAT   | OR | OFF | 2007/03/21 11:40 |
| S67 | 2    | S65 and USIM  | US-PGPUB;<br>USPAT   | OR | OFF | 2007/03/21 11:41 |
| S68 | 0    | S65 and USAT  | US-PGPUB;<br>USPAT   | OR | OFF | 2007/03/21 11:41 |
| S69 | 5    | S65 and 3G  | US-PGPUB;<br>USPAT   | OR | OFF | 2007/03/21 11:42 |
| S70 | 3    | S65 and SIM   | US-PGPUB;<br>USPAT   | OR | OFF | 2007/03/21 11:42 |
| S71 | 6    | S65 and WLAN  | US-PGPUB;<br>USPAT   | OR | OFF | 2007/03/21 11:43 |
| S72 | 1385 | mobile same terminal same monitor\$3 same networ\$2 | US-PGPUB;<br>USPAT   | OR | OFF | 2007/03/21 11:51 |
| S73 | 18   | S72 and USIM  | US-PGPUB;<br>USPAT   | OR | OFF | 2007/03/21 11:48 |
| S74 | 166  | S72 and WLAN  | US-PGPUB;<br>USPAT   | OR | OFF | 2007/03/21 11:49 |

## EAST Search History

|     |        |  |                    |    |     |                  |
|-----|--------|--|--------------------|----|-----|------------------|
| S75 | 46     | S74 and AP   | US-PGPUB;<br>USPAT | OR | OFF | 2007/03/21 11:50 |
| S76 | 3      | S72 and S63  | US-PGPUB;<br>USPAT | OR | OFF | 2007/03/21 11:50 |
| S77 | 3      | mobile near terminal near<br>monitor\$3 near networ\$2 | US-PGPUB;<br>USPAT | OR | OFF | 2007/03/21 12:30 |
| S78 | 1      | network near moniter\$3                                | US-PGPUB;<br>USPAT | OR | OFF | 2007/03/21 12:30 |
| S79 | 12845  | network near monitor\$3                                | US-PGPUB;<br>USPAT | OR | OFF | 2007/03/21 12:31 |
| S80 | 805    | S79 and UICC or USIM                                   | US-PGPUB;<br>USPAT | OR | OFF | 2007/03/21 12:44 |
| S81 | 24426  | S80 and AP or (access adj point)                       | US-PGPUB;<br>USPAT | OR | OFF | 2007/03/21 12:31 |
| S82 | 156    | S80 and (AP or (access adj point))                     | US-PGPUB;<br>USPAT | OR | OFF | 2007/03/21 12:32 |
| S83 | 11     | S79 and (UICC or USIM)                                 | US-PGPUB;<br>USPAT | OR | OFF | 2007/03/21 13:30 |
| S84 | 1      | "6868075".pn.  | US-PGPUB;<br>USPAT | OR | OFF | 2007/03/21 13:31 |
| S85 | 111    | umts adj terminal                                      | US-PGPUB;<br>USPAT | OR | OFF | 2007/03/21 14:17 |
| S86 | 1226   | 455/435.1.ccls.  | US-PGPUB;<br>USPAT | OR | OFF | 2007/03/21 14:17 |
| S87 | 768    | 455/437.ccls.  | US-PGPUB;<br>USPAT | OR | OFF | 2007/03/21 14:17 |
| S88 | 2      | USIM and S87   | US-PGPUB;<br>USPAT | OR | OFF | 2007/03/21 14:19 |
| S89 | 69     | 3G and S87   | US-PGPUB;<br>USPAT | OR | OFF | 2007/03/21 14:25 |
| S90 | 317    | mobile adj assisted adj handoff                        | US-PGPUB;<br>USPAT | OR | OFF | 2007/03/21 14:25 |
| S91 | 1      | S89 and S90  | US-PGPUB;<br>USPAT | OR | OFF | 2007/03/21 14:26 |
| S92 | 127034 | data adj transmission                                  | US-PGPUB;<br>USPAT | OR | OFF | 2007/03/21 14:26 |
| S93 | 150    | S92 and S87  | US-PGPUB;<br>USPAT | OR | OFF | 2007/03/21 14:38 |
| S96 | 2      | S87 and USIM   | US-PGPUB;<br>USPAT | OR | OFF | 2007/03/21 14:38 |
| S97 | 1      | "6792277".pn.  | USPAT              | OR | OFF | 2007/03/22 08:19 |
| S98 | 1      | "7027814".pn.  | USPAT              | OR | OFF | 2007/03/22 08:26 |
| S99 | 1      | "7065353".pn.  | USPAT              | OR | OFF | 2007/03/22 08:26 |

## EAST Search History

|          |      |  |                              |    |     |                  |
|----------|------|--|------------------------------|----|-----|------------------|
| S10<br>0 | 0    | ("7065353").URPN.  | USPAT                        | OR | OFF | 2007/03/22 08:27 |
| S10<br>1 | 12   | ("5499386"   "5640677"  <br>"5724665"   "5854981"  <br>"5873033"   "5913166"  <br>"5920818"   "5995839"  <br>"6073015"   "6278883"  <br>"6314082"   "6421368").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/03/22 08:31 |
| S10<br>2 | 2    | ((("7054646") or ("7113782"))).PN.   | USPAT;<br>USOCR              | OR | OFF | 2007/03/22 09:57 |
| S10<br>3 | 1384 | 455/552.1.ccls.  | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/22 09:57 |
| S10<br>4 | 2379 | 455/436.ccls.  | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/22 09:58 |
| S10<br>5 | 930  | 455/434.ccls.  | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/22 09:58 |
| S10<br>6 | 3    | S103 and S104 and S105   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/22 09:58 |
| S10<br>7 | 1774 | 370/331.ccls.  | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/22 09:59 |
| S10<br>8 | 1439 | 370/351.ccls.  | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/22 09:59 |
| S10<br>9 | 0    | S108 and UICC  | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/22 10:05 |
| S11<br>0 | 1    | S107 and UICC  | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/22 09:59 |
| S11<br>1 | 8    | S103 and UICC  | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/22 10:00 |
| S11<br>2 | 4    | S104 and UICC  | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/22 10:03 |
| S11<br>3 | 2    | S105 and UICC  | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/22 10:03 |
| S11<br>4 | 46   | S108 and 3G  | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/22 10:07 |
| S11<br>5 | 269  | S107 and 3G  | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/22 10:05 |
| S11<br>6 | 3    | S108 and USIM  | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/22 10:08 |
| S11<br>7 | 7    | S107 and USIM  | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/22 10:08 |
| S11<br>8 | 19   | S103 and USIM  | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/22 10:09 |
| S11<br>9 | 15   | S104 and USIM  | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/22 10:14 |

## EAST Search History

|          |      |   |                              |    |     |                  |
|----------|------|---|------------------------------|----|-----|------------------|
| S12<br>0 | 9    | S105 and USIM   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/22 10:14 |
| S12<br>1 | 768  | 455/437.ccls.   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/26 11:54 |
| S12<br>2 | 1391 | mobile same terminal same<br>monitor\$3 same networ\$2  | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/26 12:35 |
| S12<br>3 | 19   | S122 and S121   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/26 12:31 |
| S12<br>4 | 49   | ("20020025815"   "20030003895"<br>  "20040087299"   "4692945"  <br>"5063494"   "5164938"  <br>"5241685"   "5267261"  <br>"5379404"   "5404355"  <br>"5457780"   "5487174"  <br>"5574728"   "5594718"  <br>"5596315"   "5634192"  <br>"5640414"   "5673259"  <br>"5697055"   "5697097"  <br>"5706290"   "5715419"  <br>"5740239"   "5767833"  <br>"5774465"   "5778316"  <br>"5825774"   "5826017"  <br>"5838226"   "5848063"  <br>"5870673"   "5878033"  <br>"5903832"   "5929776"  <br>"5943332"   "5995836"  <br>"5999811"   "6002940"  <br>"6006077"   "6078570"  <br>"6088588"   "6091949"  <br>"6111864"   "6128490"  <br>"6138034"   "6289009"  <br>"6549779"   "6725039"  <br>"6782274").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/03/26 12:12 |
| S12<br>5 | 2    | S124 and SIM  | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/26 12:31 |
| S12<br>6 | 19   | S122 and USIM   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/26 12:35 |
| S12<br>7 | 5    | ((("5991639") or ("5978672") or<br>("6052725") or ("5956331") or<br>("5970059")).PN.  | USPAT;<br>USOCR              | OR | OFF | 2007/03/26 14:58 |
| S12<br>8 | 1    | "20050235149".pn.   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/26 15:51 |
| S13<br>3 | 1    | "6549779".pn.   | USPAT                        | OR | OFF | 2007/03/27 10:42 |
| S13<br>4 | 1690 | 713/168.ccls.   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/27 11:02 |
| S13<br>5 | 1627 | ((("type or identity) adj number)<br>and password and secret key and<br>(node adj address))   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/03/27 11:14 |

## EAST Search History

|          |     |  |                    |    |     |                  |
|----------|-----|--|--------------------|----|-----|------------------|
| S13<br>6 | 21  | S134 and S135  | US-PGPUB;<br>USPAT | OR | OFF | 2007/03/27 11:03 |
| S13<br>7 | 8   | ((type or identity) adj number)<br>near password near secret key<br>near (node adj address))             | US-PGPUB;<br>USPAT | OR | OFF | 2007/03/27 11:18 |
| S13<br>8 | 294 | ((type or identity) adj number)<br>same password same secret key<br>same (node adj address))             | US-PGPUB;<br>USPAT | OR | OFF | 2007/03/27 12:48 |
| S13<br>9 | 26  | S138 and "455"/\$.ccls.  | US-PGPUB;<br>USPAT | OR | OFF | 2007/03/27 11:18 |
| S14<br>0 | 4   | ((type or identity) adj number)<br>same password same secret key<br>same (node adj address)) and<br>USIM | US-PGPUB;<br>USPAT | OR | OFF | 2007/03/27 12:48 |
| S14<br>1 | 1   | "6625456".pn.  | USPAT              | OR | OFF | 2007/03/27 13:03 |
| S14<br>2 | 0   | ota same authentication same<br>UICC   | US-PGPUB;<br>USPAT | OR | OFF | 2007/03/27 13:04 |
| S14<br>3 | 82  | ota same authentication  | US-PGPUB;<br>USPAT | OR | OFF | 2007/03/27 13:04 |
| S14<br>4 | 2   | S143 and UICC  | US-PGPUB;<br>USPAT | OR | OFF | 2007/03/27 13:04 |
| S14<br>5 | 3   | MAC adj polling  | USPAT              | OR | OFF | 2007/03/27 16:04 |
| S14<br>6 | 8   | MAC adj polling  | US-PGPUB;<br>USPAT | OR | OFF | 2007/03/27 16:04 |
| S14<br>7 | 0   | (SIM same MT) adj message\$1   | US-PGPUB;<br>USPAT | OR | OFF | 2007/03/27 17:24 |
| S14<br>8 | 127 | (SIM same MT) and message\$1   | US-PGPUB;<br>USPAT | OR | OFF | 2007/03/27 17:32 |
| S14<br>9 | 22  | (USIM same MT) and message\$1  | US-PGPUB;<br>USPAT | OR | OFF | 2007/03/27 17:32 |
| S15<br>0 | 1   | "5596641".pn.  | USPAT              | OR | OFF | 2007/03/28 09:08 |
| S15<br>1 | 1   | "20030073440".pn.  | US-PGPUB;<br>USPAT | OR | OFF | 2007/03/28 09:12 |
| S15<br>2 | 0   | (card same mobile) adj call adj<br>teardown  | USPAT              | OR | OFF | 2007/03/28 10:09 |
| S15<br>3 | 0   | (card near mobile) adj call adj<br>teardown  | USPAT              | OR | OFF | 2007/03/28 10:09 |
| S15<br>4 | 0   | (card and mobile) adj call adj<br>teardown   | USPAT              | OR | OFF | 2007/03/28 10:09 |
| S15<br>5 | 142 | call adj teardown  | USPAT              | OR | OFF | 2007/03/28 10:13 |



## EAST Search History

|          |     |   |                    |    |     |                  |
|----------|-----|---|--------------------|----|-----|------------------|
| S15<br>6 | 0   | call adj teardownl4 and (USIM or SIM or card or IC)                         | USPAT              | OR | OFF | 2007/03/28 10:10 |
| S15<br>7 | 55  | S155 and card   | USPAT              | OR | OFF | 2007/03/28 10:10 |
| S15<br>8 | 240 | call adj teardown   | US-PGPUB;<br>USPAT | OR | OFF | 2007/03/28 10:13 |
| S15<br>9 | 3   | S158 and SIM  | US-PGPUB;<br>USPAT | OR | OFF | 2007/03/28 10:14 |
| S16<br>0 | 2   | S158 and IC   | US-PGPUB;<br>USPAT | OR | OFF | 2007/03/28 10:15 |
| S16<br>1 | 5   | S158 and (smart adj card)   | US-PGPUB;<br>USPAT | OR | OFF | 2007/03/28 10:16 |
| S16<br>2 | 66  | intelligent same (USIM chip adj card)                                       | US-PGPUB;<br>USPAT | OR | OFF | 2007/03/28 12:57 |
| S16<br>3 | 901 | (intelligent smart ) same (USIM chip adj card)                              | US-PGPUB;<br>USPAT | OR | OFF | 2007/03/28 12:26 |
| S16<br>4 | 14  | (WLAN wireless adj LAN) same (intelligent smart ) same (USIM chip adj card) | US-PGPUB;<br>USPAT | OR | OFF | 2007/03/28 12:37 |
| S16<br>5 | 0   | (WLAN wireless adj LAN) same active adj (SIM IC)                            | US-PGPUB;<br>USPAT | OR | OFF | 2007/03/28 12:41 |
| S16<br>6 | 36  | (WLAN wireless adj LAN) with access same USIM                               | US-PGPUB;<br>USPAT | OR | OFF | 2007/03/28 12:41 |
| S16<br>7 | 0   | (WLAN wireless adj LAN) with access same USIM.ab.                           | US-PGPUB;<br>USPAT | OR | OFF | 2007/03/28 12:42 |
| S16<br>8 | 36  | (WLAN wireless adj LAN) with access same USIM                               | US-PGPUB;<br>USPAT | OR | OFF | 2007/03/28 12:50 |
| S16<br>9 | 1   | "20020046185".pn.   | US-PGPUB;<br>USPAT | OR | OFF | 2007/03/28 12:50 |